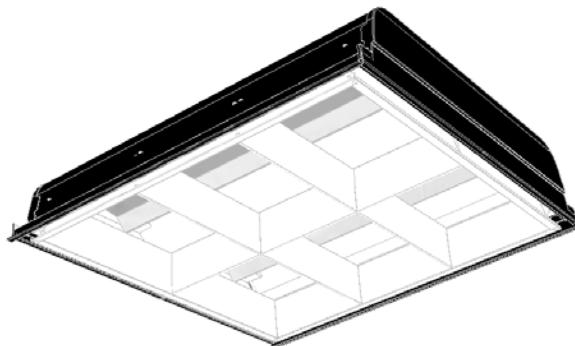
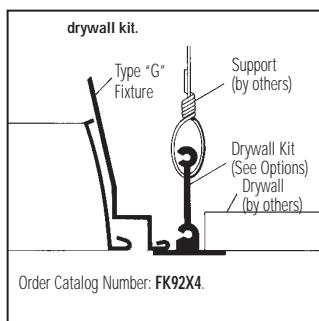
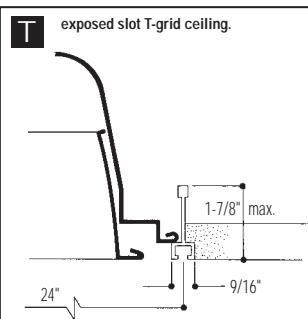
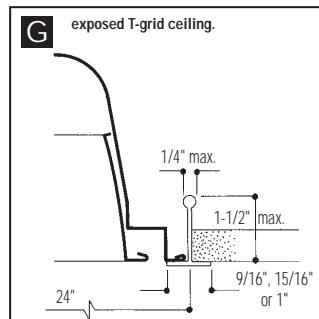
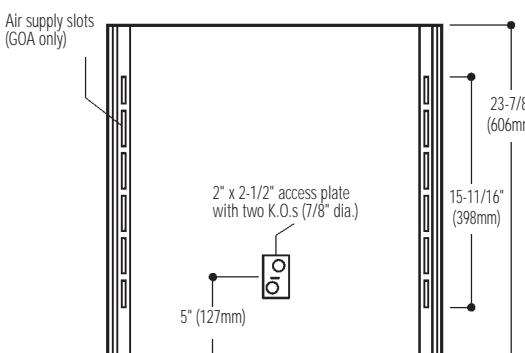
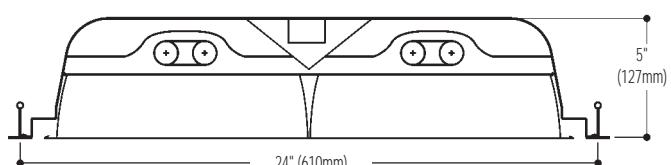
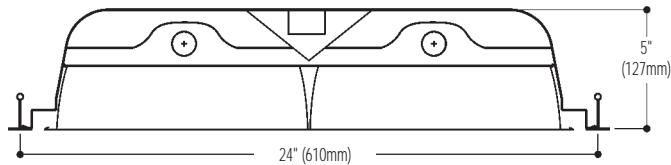


Page 1 of 2

2' x 2' Recessed Fluorescent, High Performance Louver
Static or Air Supply/Return, 2 Lamp T8 or 2U

- GO2 evenly illuminates horizontal and vertical surfaces and is low in brightness.
- 80.5% efficient with a 1.7 space mounting ratio (2 T8 lamps)
- 79.5% efficient with a 1.6 space mounting ratio (2 T8U lamps)
- 94% reflective flat white powder coated louver.
- 94% reflectance Miro™ reflector system.
- 5" deep body.
- One piece housing.
- Black exterior for cooler ballast operating temperature.
- Built-in earthquake clips (patent no. 5,072,344).
- Spring loaded latches.
- 18 gauge steel hinges.
- Construction to meet NYC Code or Chicago Plenum requirements is available.
- Manufactured in USA

**Mounting Methods****Dimensions****Job Information****Type:****Job Name:****Cat. No.:****Lamp(s):****Volts/Ballast:**

For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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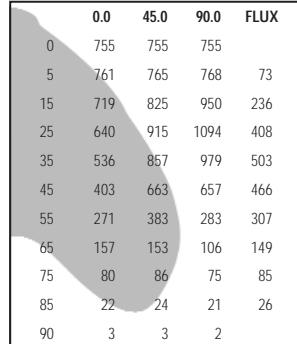
Page 2 of 2

Model No. GOS2G217UNVC2

LER = FP - 65.5 IW - 30.28 BF - 0.88
Comparative yearly lighting energy cost per 1000 lumens = \$3.66

Report Number: G2008145
Catalog Number: GOS2G217UNVC2
Lamp: (2) F17/T835P/ALTO/PLUS
Luminaire: G02 2'X2' with 6 cell louver.
Ballast: Advance IOP-2P-32-SC
Report is based on 1400 Lumens per lamp.
Efficiency: 80.5%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.7
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 21.000 21.000

CANDELA DISTRIBUTION



COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	50	30	30	10	50	30	30	10
RW	70	50	30	50	30	10	50	30	30	10
1	89	85	82	80	78	76	77	75	74	
2	82	76	71	71	68	64	69	66	63	
3	75	67	61	64	59	55	62	58	54	
4	69	60	52	57	52	48	55	51	47	
5	64	54	47	52	46	42	50	45	41	
6	59	49	42	47	41	37	46	40	37	
7	55	45	38	43	37	33	42	36	33	
8	51	41	34	39	33	29	38	33	29	
9	48	37	31	36	30	27	35	30	26	
10	45	34	28	33	28	24	33	27	24	

ZONAL LUMEN SUMMARY

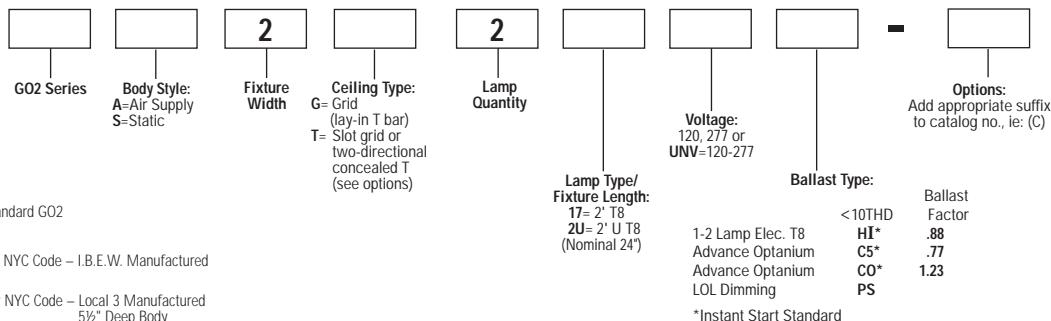
ZONE	LUMENS	% LAMP	% FIXT
0- 30	717	25.6	31.8
0- 40	1220	43.6	54.2
0- 60	1993	71.2	88.4
0- 90	2253	80.5	100.0
90-180	0	0.0	0.0
0-180	2253	80.5	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2002.	3294.	3265.
55	1660.	2346.	1734.
65	1305.	1272.	881.
75	1086.	1167.	1018.
85	887.	968.	847.

Ordering Information

Explanation Catalog Number. Example: GOS2G22UUNVC5



Options/Accessories

Plaster Frame: Catalog Number: PF22.

Radio Interference Filter: To order one RIF per fixture; SUFFIX: R.

To order one RIF per ballast; SUFFIX: B.

Fusing: Internal fast-blow fusing, SUFFIX A. Internal slow-blow fusing, SUFFIX C.

Electrical Wiring Options: Consult factory.

Air Closure Strip: SUFFIX: ACS4 (factory installed).

Drywall Kit: Order Catalog Number: FK92X2. (Request Folio OA30-10 Rev. A).

Chicago Plenum: SUFFIX: C.

Specifications

Performance: In an installation of 2 lamp T8U luminaries in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .84.

Air Handling (GOA only) side air passages for air supply or air return. Optional side closure strips. Air return is also provided through the lamp compartment through fixture body ends.

Specifications (continued)

Materials: Chassis parts are die-formed code gauge cold rolled steel. Side rails hemmed over and housing ends turned in for safe handling. Reflector is 94% reflective aluminum.

Finish: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel. Rust preventative undercoating. Louver—94% reflective flat white powder coat.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W. UL and ULc Listed.

This product may have a mercury containing lamp.

Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information

Type:

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